

THE
URBAN DISTRICT COUNCIL
of
TREDEGAR

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
and
SANITARY INSPECTORS
for
THE YEAR --- 1944.

TREDEGAR URBAN DISTRICT COUNCIL

Chairman (1944) ---- Councillor J. Travenen, J.P.

Chairman (1944) -- Public Health & Housing Committee

Councillor J. Bevan.

Clerk of the Council -- Oliver Llewellyn, Solicitor.

MEMBERSWEST WARD

Councillor G.H.Cecil.
 " T.C.Davies.
 " O. Jones.
 " J. Stockton.

CENTRAL WARD

Councillor William Allen.
 " W.A.B.Harvey.
 " D.J.Jermine.
 " J. Travenen.

GEORGETOWN WARD

Councillor J. Bevan.
 " D.W.Bowen.
 " A.L.Commbes.
 " T.J.Thomas.

SIRHOWY WARD

Councillor R.I.Davies.
 " W.M.Clarke.
 " Rev. G.O.Roberts.
 " W.C.Smith.

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PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITYMedical Officer of Health (part time) --

E.T.H. Davies, M.D., M.S.(Lond), F.R.C.S. (Eng).

Senior Sanitary Inspector (whole time) --

C.G. Watkins, M.S.I.A., C.R.S.I.

certificated Sanitary Inspector, The Royal Sanitary
 Institute 1920.

certificated Inspector of Meat & Other Foods,
 The Royal Sanitary Institute 1927.

Second Sanitary Inspector (whole time) --

Emlyn Williams, M.S.I.A., C.R.S.I., M.R.I.P.H.H.

certificated Sanitary Inspector, The Royal Sanitary
 Institute & Sanitary Inspectors Examination Joint Board 1933.

certificated Inspector of Meat & Other Foods, The Royal
 Sanitary Institute 1934.

diploma of The Royal Institute of Public Health and
 Hygiene 1936.

Medical Assistants (Temporary) - Mr. D.J.Turner & Mr. T.R.Davies.Iron. Ashvale Isolation Hospital ----

Miss A. E. W. Robjohns, S.R.N., S.C.M.

Member of the College of Nursing.

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MEDICAL OFFICER'S REPORT

The Grove,
TREDEGAR.

December, 1945.

To the Chairman and Members of the
Tredegar Urban District Council.

MR CHAIRMAN AND GENTLEMEN,

I have much pleasure in submitting to you my Annual Report for the year 1944 (which has been drawn up on the lines indicated in Circular 49/45 (Wales) issued by the Welsh Board of Health). Whilst it has to be acknowledged that its rather belated appearance detracts somewhat from its usefulness, such has been unavoidable by reason of the many urgent demands upon the department. Again the report has been curtailed, and lacks certain of the usual features and lay-out of pre-war issues, nevertheless it is anticipated that much that is of interest and value may be drawn from the apparently bare facts and figures given.

Statistics and Social Conditions of the Area.

Area of the District:-

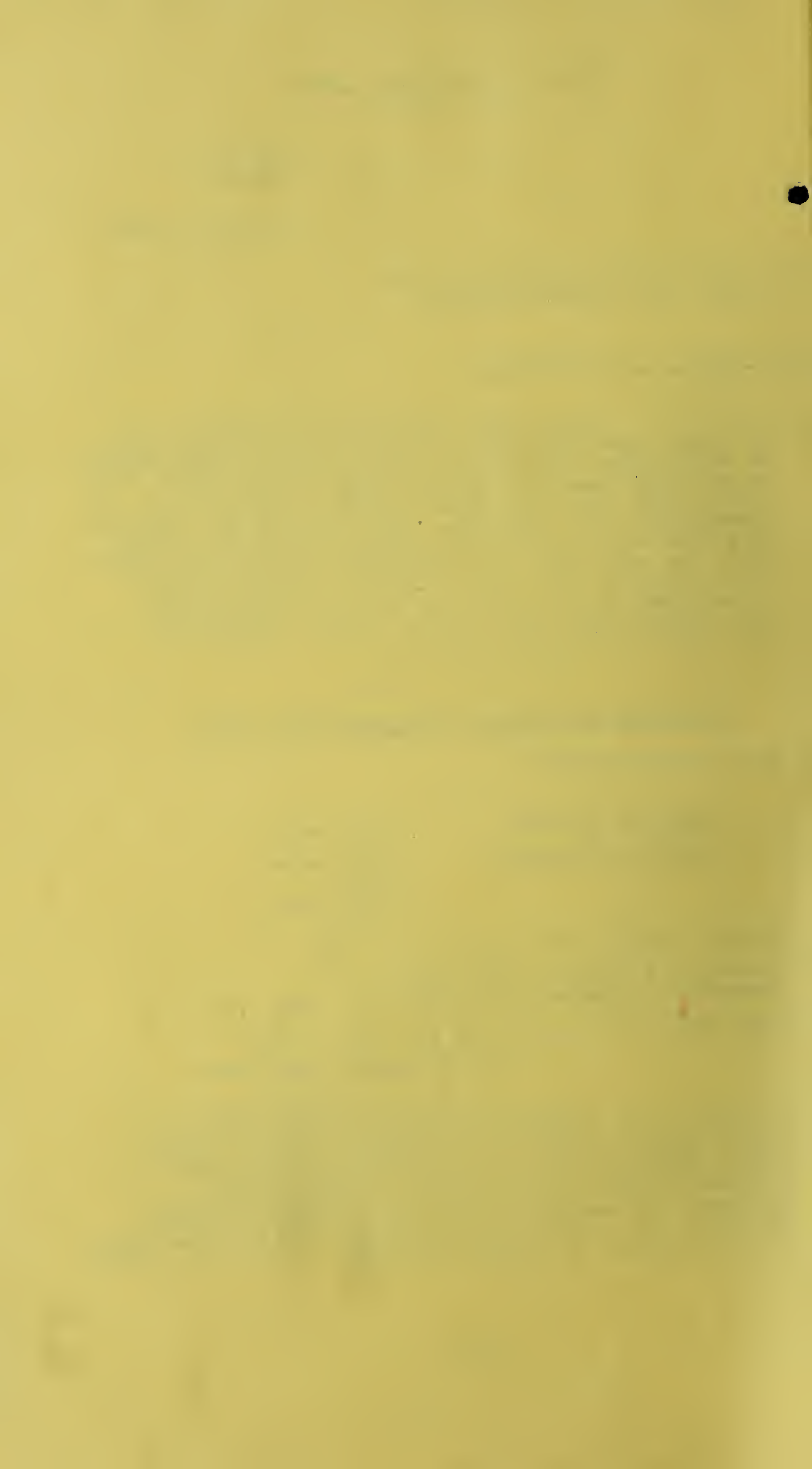
Parish of Tredegar	4,360 acres.
Parish of Dukestown	3,780 acres.
	<u>8,140 acres.</u>

Rateable Value of the District £67,347.

Product of a penny rate for the
Financial Year ended 31st March 1945. £239. 19. 4d.

Total rates in the pound for that year 21/-
(plus 2d special water rate)

The natural and social conditions of the Area, fully described in earlier reports, altered little during the year. Coal mining the staple industry, shows a further gradual decline, and the Council's continued efforts to attract new industries, in order to secure some measure of security and full employment for the people in the district, though thus far unrewarded, will ultimately, it is hoped, succeed.



Extracts from Vital Statistics for the Year.

Birth Rate

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Live Births-(Legitimate)	187	193	380
(Illegitimate)	9	7	16
	<u>196</u>	<u>200</u>	<u>396</u>

Producing a birth rate per 1,000 population of 19.62
 1943 - 19.08. 1942 - 19.45 1939 - 16.63

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Still Births-(Legitimate)	4	14	18
(Illegitimate)	--	-	-
			<u>18</u>

a rate of 0.89 per 1,000 population as against 0.74 for 1943

This rate calculated per 1,000 Total (Live and Still) Births

1944	-----	43.47
1943	-----	37.40
1942	-----	40.47
1939	-----	57.69

Death Rate

The number of deaths during the year 1944 (after correction for inward and outward transfers, as furnished by the Registrar General) was:-

<u>Males</u>	<u>Females</u>	<u>TOTAL</u>
130	103	233

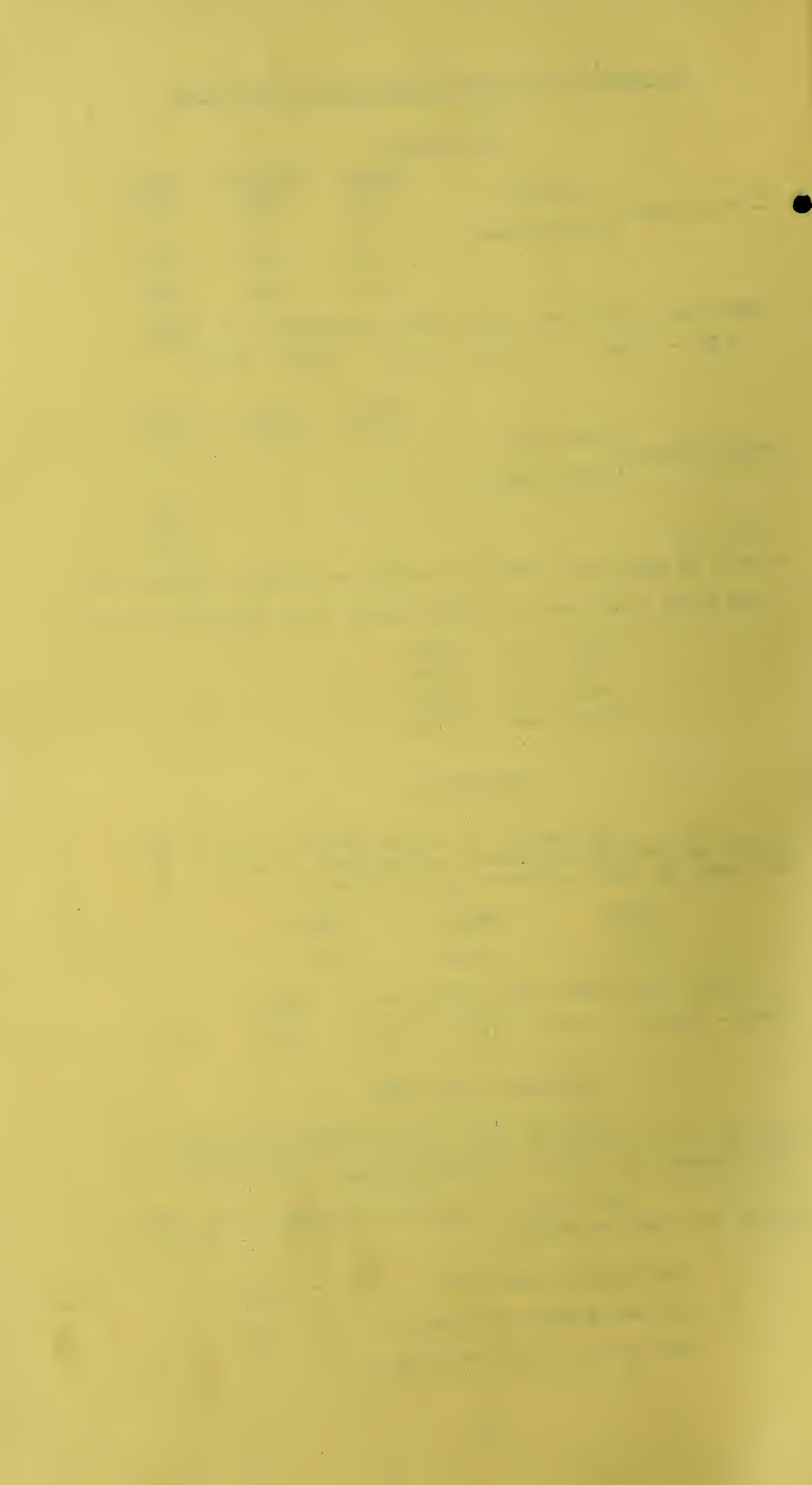
a death rate per 1,000 population of 11.54
 1943 - 11.46 1942 - 13.32 1914 - 17.90 1901 - 19.93

Maternal Death Rate

There was one death recorded under this heading for the district during 1944, as compared with a nil return for the two previous years.

The rate per 1,000 total births (Live and Still) is shown as under:-

For England and Wales	-----	1.93
For the County of Monmouth	-----	2.34
For the Tredegar Urban Area	-----	2.41



Infantile Mortality.

Deaths of infants under one year of age:-

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	6	15	21
Illegitimate	<u>1</u>	<u>1</u>	<u>2</u>
	7	16	23

a rate per 1,000 live births of 58.08 as compared with:-

1943 - 36.27 1942 - 62.03 1941 - 74.83

The rate of legitimate infant deaths per 1,000 legitimate live births works out at 55.26, or approximately 1 in 18.

The rate of illegitimate infant deaths per 1,000 illegitimate live births was 125.00, or a ratio of 1 in 8.

There were two deaths (one male and one female) from diarrhoea and enteritis under 2 years of age.

This gives a rate per 1,000 live births of 5.05 from this cause as against the rates of 4.8 for England and Wales, and 10.1 for London and County.

The tabulation set out below summarises the chief vital statistics in comparison with those for England and Wales and also the County

	<u>LIVE RATE</u>		<u>DEATH RATE</u>	
	Live births per 1,000 population.	Still Births per 1,000 population.	all ages per 1,000 Pop.	under 1 year per 1,000 live births
England & Wales	17.6	0.50	11.6	46.
Monmouthshire	19.8	0.77	11.29	52.33
Tredegar U.D.	19.62	0.89	11.54	58.08

These figures speak for themselves. Whereas the year's record cannot be claimed to be equally as favourable as for 1943; taking into consideration the full circumstances of your Area, and recognising that the period under review ran into the sixth year of war, together with the fact that there was no unusual or excessive mortality from any cause, neither was the district visited by any widespread epidemic disease; the "bill of health" for Tredegar during 1944 can certainly be briefly stated as "very satisfactory".

General Provision of Health Services for the Area.

These facilities remained much the same as reported upon formerly

The number of journeys made during the year by your motor ambulance was 306 covering a total mileage of 4,192 miles.

The use of the Public Mortuary was occasioned for the reception of 13 bodies (9 males 4 females).

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SANITARY CIRCUMSTANCES OF THE AREA.

WATER

The water area of the Council has been well supplied, and every effort was made to maintain a high standard of purity. The total quantity of water drawn during the year, amounted to 437,862,310 gallons, of which 135,365,700 gallons were delivered in bulk to the Bedwellty Urban District and 726,413 gallons to the Rhymney Urban District.

<u>Waterworks</u> (and capacity)	<u>Nantybwich</u>
Storage Reservoir	----- 50,000,000 gallons
Filtration Works	----- 1,500,000 "
High Level Service Reservoir	----- 150,000 "

This supply is mainly taken from the Shon Sheffreys Natural Spring. Bell's Filtration and Chlorinating Plant is installed.

Georgetown

Storage Reservoir	----- 14,000,000 gallons
Service Reservoir	----- 1,500,000 "
Filter Beds	----- 350,000 "

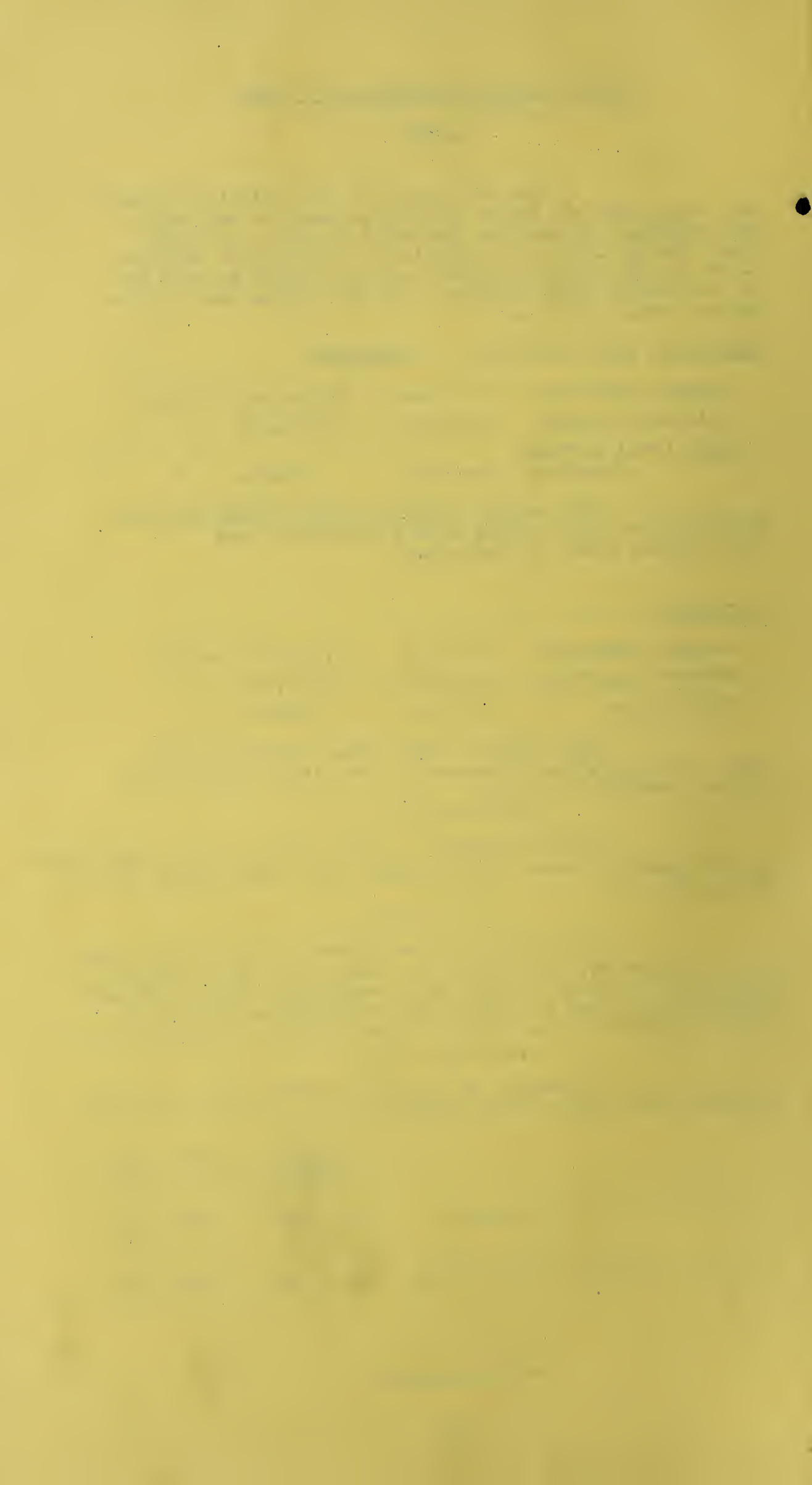
Sand filters only. Chlorination done by hand. The Georgetown Waterworks were closed down for the greater part of the year.

Several Schemes for the extension and improvement of the Council's Water Undertakings were under consideration during the year.

The Sirhowy and Dukestown portion of the Area was, as hitherto, supplied by the Ebbw Vale U. D.C Council. This water is known to have plumbo-solvent action, and lead service pipes from the mains are prohibited. No trace of such contamination was shown in the results of samples taken.

Proportion of dwelling houses and population supplied from public water mains:-

	<u>Dwelling Houses</u>	<u>Population.</u>
(a) Direct to the houses	over 99%	over 99%
(b) By means of stand pipes	under 1%	under 1%



Samples. (submitted to the County Pathologist during the year).

Bacteriological examination:-

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
RAW:-	2.	1.
Tredegar U.D.C. Supply:-		
Going into Supply:-	14.	8.
Ebbw Vale U.D.C. Supply		
Going into Supply:-	2.	1.
<u>Chemical examination:-</u>		
RAW:-	1.	-
Tredegar U.D.C. Supply		
Going into supply:-	4.	-
Ebbw Vale U.D.C. Supply		
Going into supply:-	2.	-

Rainfall

The rainfall is that recorded at "RESESDALE" by Mr. S. Leonard Filer, the Council's Gas Engineer and Manager, at an elevation of 963 feet above ordnance datum.

<u>1944.</u>	<u>Inches.</u>	<u>1944</u>	<u>Inches.</u>
January	0.62	July.	4.19
February	1.47	August	4.32
March	.56	September	5.41
April	3.23	October	9.10
May	2.32	November	9.93
June	3.85	December	5.50
		TOTAL:-	56.50

There were 219 rain days and the greatest fall recorded was 1.82 on November 18th.

Previous yearly records taken at the same place are:-

1943. ----	62.60	1927. ----	62.86
1942. ----	56.53	1926. ----	52.86
1941. ----	51.88	1925. ----	57.02
1940. ----	57.36	1924. ----	65.67
1939. ----	69.89	1923. ----	60.73
1938. ----	57.47	1922. ----	45.82
1937. ----	52.56	1921. ----	27.49
1936. ----	64.20	1920. ----	51.70
1935. ----	60.52	1919. ----	40.80
1934. ----	57.36	1918. ----	50.44
1933. ----	42.59	1917. ----	41.95
1932. ----	49.39	1916. ----	47.01
1931. ----	56.79	1915. ----	44.17
1930. ----	63.21	1914. ----	56.87
1929. ----	54.83	1913. ----	61.09
1928. ----	59.08		

an average rainfall of 54.28 inches.

The verage rainfall for 26 years, 1881 - 1907 recorded at "The Willows", by the late Dr. G. A. Brown at an elevation of 1024 feet above prdnance datum, was 58.70 inches.

Mr. David Davies, who was appointed the Council's Water Manager, upon the retirement of Mr. D. Walter Davies H. Inst. Gas E. (formerly the Council's Gas and Water Engineer and Manager) also records the rainfall at the Pantybwh Waterworks (1,100 feet above ordnance datum) supplies the following data



Total rainfall for the year 1944 -- 58.66 inches.

Number of rain days 1944 -- 230.

The sequence of heaviest rainfall days recorded were :-

Monday 4th September	-----	2.40 inches.
Sunday 23rd January	-----	1.85 "
Sunday 17th December	-----	1.69 "
Sunday 19th November	-----	1.52 "
Saturday 19th August	-----	1.42 "
Wednesday 18th October	-----	1.29 "
Friday 20th October	-----	1.29 "

The Council's Open Air Swimming Pool
1944 Season.

Number of Adult swimmers	-----	3,227.
Number of Child swimmers	-----	29,652.
Number of Elementary School Children	-----	2,081.
Number of Secondary School Children	-----	25.
Number of L.C.C. School Children	-----	588.
Number of Spectators	-----	7,454.

Satisfactory results were obtained to samples of the swimming bath water submitted during the season.

Drainage and Sewerage.

Practically the whole of the district is well provided with stoneware subsidiary sewers, which are linked up to the main sewer laid along the river bed. The Western Valley's (Mon) Sewerage Board (of which the Council form a constituent authority) have control of the trunk sewers.

The cleansing and repair of choked or defective drainage systems, both public and private, is pressed for immediately upon report or discovery.

Rivers and Streams.

The river Howy, with a number of small tributaries traverses the length of the district. Every vigilance is exercised to prevent the dumping of refuse along the banks.

Closet Accommodation.

The water carriage system is almost universal throughout the area. An estimate of the number of each type of closet is as follows :-

- | | |
|---|--------|
| (a) Number of pail or privy closets (including several of the chemical type) to isolated farms, cottages and other premises where there is no sewer available | 53. |
| (b) Number of closets with fixed receptacles. | 9. |
| (c) Number of closets with movable receptacles. | 5. |
| (d) Number of water-closets (with flushing apparatus) | 2,812. |
| (e) Number of water-closets (hand flushed). | 2,518. |

Public Cleansing

This important branch of the Public Health Services was well maintained throughout the year.

The equivalent rate in the £ for these services, for the financial year ended 31st. March, 1945. was :-

House and Trade refuse collection and disposal..... 2/0½d
Street Cleansing. 7½d.

The approximate quantities of materials collected and disposed of under the Council's "Salvage Scheme" (inaugurated towards the end of July, 1940) were :-

	During the year 1944.			Total since commence- ment of the scheme.		
	Tons.	Cwts.	Qrs.	Tons.	Cwts.	Qrs.
Waste Paper & Cardboard.	86.	7.	1.	499.	1.	1.
Metals.	4.	9.	1.	127.	16.	0.
Flattened & Unflattened Tins.	5.	2.	2.	64.	6.	3.
Textiles.		12.	2.	6.	3.	2.
Bottles and Jars.	2.	9.	2.	14.	10.	1.
Bones.	1.	14.	2.	9.	2.	2.
Rubber.	2.	2.	0.	10.	9.	0.
TOTAL.-	82.	17.	2.	731.	9.	1.

The sales of materials for 1944 amounted to :- £65. 5. 1.

The collections for 1944 dropped to nearly one half of that for the previous year.

Roads.

The mileage of roads in the area is as follows :-

Classified :-

Class (1) - A 4652.52 miles.
 A 40484.01 miles.
Class (2) - B 42561.36 miles.
 7.89 miles.
Unclassified roads taken over 32.61 miles.
 40.50 miles.

The number of street gullies in the district is estimated at about 1,500.



Sanitary Inspection of the Area

WATER CLOSETS :-

Trough-closets converted to Pedestal pan type		6.
New stone or brick water-closets erected	13)	
Indoor waterclosets provided	5)	20.
Elsan (Chemical) closets provided	2)	
Closet drains relaid		18.
Closet buildings renovated		21.
New pans to waterclosets fixed :-		
Pedestal type	20)	
Hopper type	2)	22.
Foul waterclosets cleansed		243.
Flush tanks and water supply to waterclosets installed		56.
Flush tanks and water supply to waterclosets repaired		47.

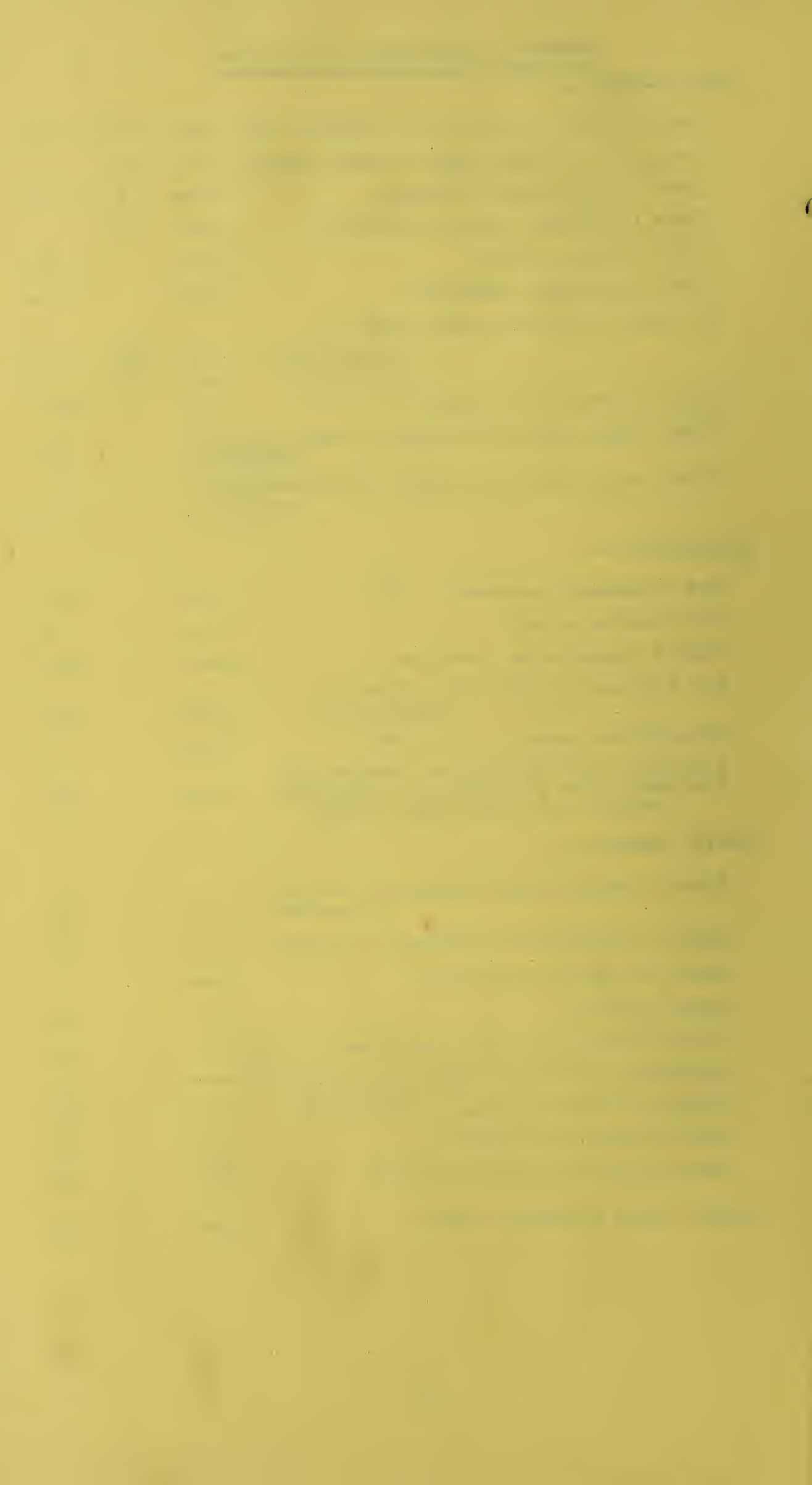
HOUSEDRAINS :-

New stoneware housedrains laid		21.
Housedrains relaid		9.
Choked housedrains cleansed		294.
New stoneware gully-traps fixed to housedrains		48.
Housedrains connected to sewers		5.
Defective drainage systems remodelled (including the provision of inspection chambers and ventilating shafts)		21.

HOUSING DEFECTS :-

Eaves, troughing and downpipes provided or renewed		20.
Eaves, troughing and downpipes repaired		56.
Roofs stripped and reslated		2.
Roofs repaired		45.
Window frames and sashes repaired or renewed		16.
Firegrates and ovens repaired or renewed		13.
General repairs to houses carried out		37.
Yards repaved or concreted		5.
Internal floor pavements relaid		17.

VARIOUS OTHER NUISANCES ABATED		58.
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NOTICES SERVED ---

Informal	-----	148.
Statutory	-----	36.

INSPECTION AND REVISITS :-

Common Lodging Houses	83.
Cowsheds, Dairies and Milkshops	132.
Slaughter-houses	735.
Shops, Stalls, etc.	287.
Factories and Workplaces (including Bakehouses)	118.
Pigstyes, Stables, Chicken Cots, etc.	73.
Housedrains and waterclosets	521.
Housing inspections	573.
Infectious Diseases (investigation and disinfections)	246.
Various other inspections (including verminous infestations)	598.
	<u>3,366.</u>

REGISTERED BUILDINGS AND TRADES

Below are given the number of registered premises within the Area at the end of 1944.

Common Lodging-houses	-----	2.
Slaughter-houses	-----	2.
Cowsheds and Dairies	-----	39.
Milkshops	-----	7.
Bakehouses	-----	17.
Factories and Workplaces		72.

From the figures given above it will be readily observed that all such premises have been kept under periodical supervision.

Verminous Infestations

A large number of complaints of verminous premises and articles were dealt with during the year. Gaseous fumigation by the use of "Sulphur Di-oxide Candles", insecticidal sprays such as "Zaldicide", "Solution B" etc, and at times the aid of a blow lamp were employed as the case required.

A number of Scabies cases and other verminous conditions were given hospital treatment.

Rodent Infestations.

In co-operation with the Ministry of Food, Infestation Division, (who also provided short courses of Instruction for the Officers of Local Authorities) this work was greatly developed. A thorough survey of the district was made, and the necessary operational work put in hand, together with a scheme for the treatment of the Council's sewers etc. In June of the year Mr. Gwyn Owen was appointed Assistant Rodent Officer (whole time) to assist the Sanitary Inspectors in this duty.

HOUSING.

What has been "voiced" in each successive annual report upon the evils of bad housing can again be re-echoed, with equal or even stronger vigour, as the acute shortage of houses grows ever more acute, and the long list of applicants for tenancies of Council houses becomes still larger.

The setting up of a Post War Reconstruction Committee and the appointment of Mr. W. A. Whittle A.F.A.S. as Planning Officer, to work in conjunction with the Council's Engineer/Surveyor and Architect (Mr. W. Edgar Jones, M. Inst. B. E) in the preparation of Housing and other Schemes for Social Amenities, is evidence of the Council's live interest and intention to systematically tackle the many problems.

The Council's housing programme is for the ultimate provision of 2,000 new houses. At first sight, this may appear to be a very ambitious project, but it has to be appreciated that as an old mining town, Tredegar possesses a preponderance of worn and low standard dwellings, and in addition to the rehousing of families displaced from unfit habitations and Clearance Area, and the redevelopment of such sites, the very urgent needs of:-

- (a) Exservicemen and Women and their families.
- (b) Newly married couples.
- (c) Relief of families living under overcrowded conditions or those living in apartments.
- (d) Aged couples and single persons living alone.

have also to be considered and met.

Meantime, every effort was made throughout the year to secure the carrying out of essential housing repairs and the remedy of statutory nuisances, found to exist.

During 1944, four Certificates were issued to tenants under the Rent and Mortgage Interest Restrictions Acts 1920 - 1938.

Inspection and Supervision of Food.

MILK SUPPLY

Every endeavour was constantly made throughout the year to ensure a clean and safe milk supply for the district, attention being given to the various stages of production, storage and distribution.

The bulk of the supply is imported, quite an appreciable proportion from the West Wales and West of England Counties.

Graded Milk Samples :-

G R A D E	Number of Samples which		Total.
	Satisfied Test.	Did not Satisfy Test.	
PASTEURISED.	8.	4.	12.

ROUTINE MILK SAMPLES :-

	Local Producers.	Producers outside the District.	T O T A L.
Numbers of samples reported as conforming to a satisfactory bacteriological standard	13.	4.	17.
Number of samples reported upon as bacteriologically unsatisfactory.	11.	4.	15.
	24.	8.	32.

Ministry of Agriculture and Fisheries.
National Milk Testing and Advisory Scheme.

Your co operation in the working of this scheme, put inot effect locally early in October 1943, cotinued throughout the year. Regular fortnightly sampling was undertaken from all local retailer-producers, to a total of 621 samples, for submission to the Resazurin Test at the Area Laboratory, the results of which were on the whole encouraging.

Meat and Other Foods Inspection.

Throughout the year a systematic inspection of the food supply of the district was carried out and all the attention possible focussed on this very necessary duty.

Government Scheme of Food Control (Centralised Slaughtering) and Meat distribution for the year 1944.

Number of animals killed for human consumption at the Government Control Slaughter-house, Tredegar :-

<u>Cattle</u>	<u>Pigs</u>	<u>Sheep</u>	<u>Calves</u>	<u>Total</u>
1,385.	11	19,595.	1,250.	22,241.

(as against a total of 25,537 animals for 1943)

Number of ready dressed (English) carcasses received and distributed:-

<u>Beef</u>	<u>Mutton</u>	<u>Veal</u>	<u>Total</u>
1	16	25	42.

(as compared with 41 (Mutton carcasses only) for 1943)

Number of pigs killed for human consumption by local pig-keepers:- 192.

(as compared with 229 for 1943)

Imported Meat received and Distributed:-

	<u>Tons</u>	<u>Cwts</u>	<u>Qrs</u>	<u>Lbs.</u>
Beef	451	5	1	12
Veal	5	8	0	0
Pork	346	12	2	8
Mutton	515	2	3	6
Offal	81	7	0	16
Total:-	1,399	15	3	14

as compared with 969 11 2 2 for 1943

LICENCES :-

Slaughter of Animals Act 1933

New licences issued covering 1944	2
Renewal of licences	23

Below is given a list of meat and other articles of food found on examination to be unfit for human consumption. Where possible and under guarantee, these were salvaged for industrial or animal feeding purposes, and the remainder destroyed:-

DESCRIPTION :-

	<u>Tons</u>	<u>Cwts</u>	<u>Qrs</u>	<u>lbs</u>	<u>Number of whole carcases included</u>
Beef	10	8	0	19	55.
Mutton		15	1	11	58
Veal		5	3	4	17
Pork				24	1
	11	9	2	2	131
Offal	2	10	2	7	
	14	0	0	9	
Fish	1	1	0	8	
Bacon		4	0	0	
Sausage	1	1	1	23	
Rabbit			2	0	
Other Foods					
<u>Miscellaneous</u>		15	0	2	
Canned Foods					
<u>879 Containers</u>					
Bottled Preserves					
425 Containers l.		3	1	4	
Total approx. Weight	18	5	1	18	

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Prevalence of, and Control over, Infectious and
other Diseases.

Brief Review

Notifications.

A comparison of the rates per 1,000 civilian population of corrected notifications received for the year 1944, with the figures for 1943, is as follows:-

	England & Wales.		Tredegar Urban Area.	
	1943.	1944.	1943.	1944.
Typhoid Fever	(0.01)	0.01	(0.05)	0.05
Paratyphoid Fever	(0.01)	0.01	(--)	--
Cerebro Spinal Fever	(0.08)	0.05	(0.09)	0.05
Scarlet Fever	(3.01)	2.40	(1.48)	2.37
Whooping Cough	(2.54)	2.49	(7.26)	4.11
Diphtheria	(0.88)	0.58	(3.36)	0.49
Erysipelas	(0.31)	0.29	(1.03)	1.19
Smallpox	(--)	0.00	(--)	--
Measles	(9.88)	4.16	(17.74)	5.84
Pneumonia	(1.34)	0.97	(2.86)	1.93

It will be seen that the district was free throughout the year from Smallpox and Para-typhoid Fever. There was but one notified case of Typhoid Fever, which recovered.

The one case of Cerebro Spinal-Fever notified made a good recovery. This is very gratifying especially when it is remembered that during the earlier war years a number of deaths occurred from this cause.

The incidence of Scarlet Fever was considerably higher than for the previous year, but still well below that for the Country as a whole. The cases which were mainly of a mild type, occurred sporadically and spread over the whole year. No fatal results were recorded.

Although the notification rate of Measles and Whooping Cough, is again much higher than that given for the Country, it is, for Measles less than one third, and for Whooping Cough nearly half, in relation to the rate for the district during previous years. It is highly satisfactory that there was no mortality attributed to Measles, though, unfortunately, Whooping Cough was responsible for the death of two infants (a brother and sister) aged two years and two months respectively)

The prevalence of Erysipelas again shows an increase whilst the figures for notification of Pneumonia indicate a decrease. There was, however, an increase in the number of deaths from Pneumonia, a total of 9 (four being infants of under one year).

It is very pleasing to be able to report that the position in respect to Diphtheria continues to be encouraging, both as regards incidence and mortality, the year's figures being 10 confirmed cases and no deaths.

The immunisation campaign against Diphtheria continued regularly throughout the year. Sessions for this purpose were held each Friday at the Clinic established at the Tredegar Medical Aid Society's Central Surgery, periodical sessions were also held at the different schools of the Area and the very ready assistance given by both headteachers and staff in this direction cannot be left unmentioned.

The number of children completing immunisation treatment during the year was :-

Age group	1 to 5 yrs	- 264	(as compared with 459 for 1943)
Age group	5 to 15 yrs	-202	(" " "1,155 " 1943)
Total		<u>466.</u>	" " " <u>1,614</u> " 1943

Percentage of child population of the district considered to be immunised at the close of 1944 :-

Age	1 to 5 years	-----	63 . 7
Age	5 " 15 "	-----	96 . 6
Total	1 " 15 "	-----	87 . 5

Upon the occurrence of infectious diseases amongst scholars, notices of exclusion and later of re-admission of all cases and contacts are transmitted to the headteachers of the school attended. During 1944 the number of school children in respect to whom such notices were sent (cases and contacts) were :-

	<u>Diphtheria.</u>	<u>Scarlet Fever.</u>	<u>Cerebro Spinal Fever.</u>	<u>Others.</u>	<u>Total</u>
Exclusion.	29.	25.	3.	3.	60
Re-admission.	31.	25.	6.	3.	65.

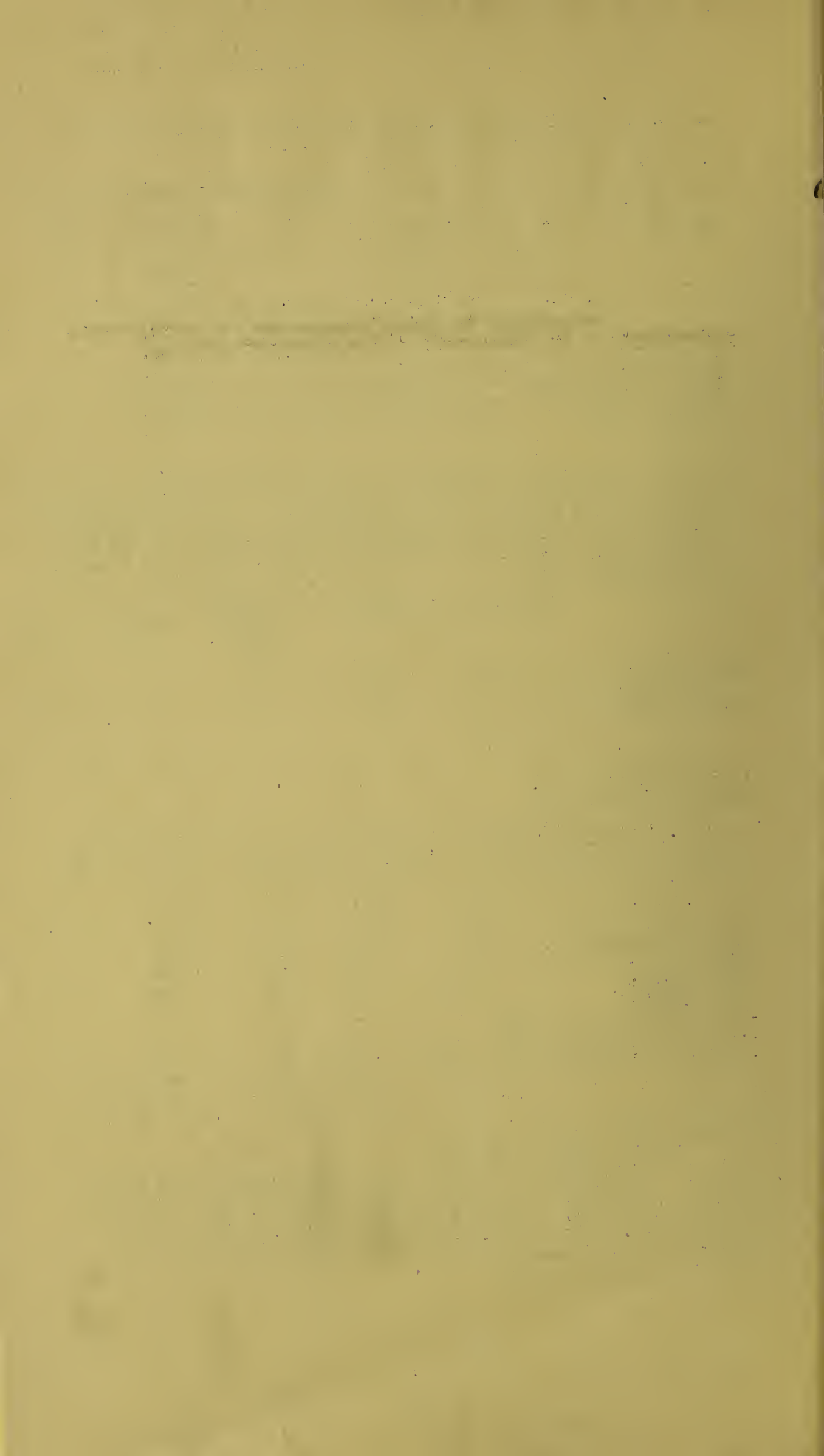
Industrial Diseases.

Particulars as to diseases under this heading notified for the district for 1944, and three earlier years (kindly supplied by Dr T. A. Sutherland) are :-

	1941.	1942.	1943.	1944.
Miners Nystagmus	15.	17.	13.	14.
Beat Knee.	14.	14.	17.	18.
Beat Hand.	4.	1.	11.	4.
Beat Elbow.	4.	4.	-	4.
Dermatitis(due to dust and liquids)	2.	2.	4.	4.
Tenosynovitis of wrist.	<u>4.</u>	<u>1.</u>	<u>2.</u>	<u>3.</u>
	43.	39.	47.	47.

Isolation Hospital Facilities.

It can be repeated that the requirements of the district have been amply served and assistance rendered to neighbouring Areas in this direction at the Council's Ashvale Isolation Hospital, where much good work continues to be accomplished by a competent and qualified staff under the direction of the Matron.



Particulars of the number of patients (including observation cases) treated at the hospital during 1944 are :-

	Diphtheria.	Scarlet Fever.	Typhoid Fever.	Cerebro Spinal Fever.	Others.	Total
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Admissions:-

Tredegar Area.	46.	12.	1.	2.	18.	79.
----------------	-----	-----	----	----	-----	-----

Other Areas.	3.	16.	-	1.	-	20.
--------------	----	-----	---	----	---	-----

	49.	28.	1.	3.	18.	99.
--	-----	-----	----	----	-----	-----

Deaths.

Tredegar Area.	-	-	-	-	2.	2.
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Outside Areas.	-	-	1.	-	-	1.
----------------	---	---	----	---	---	----

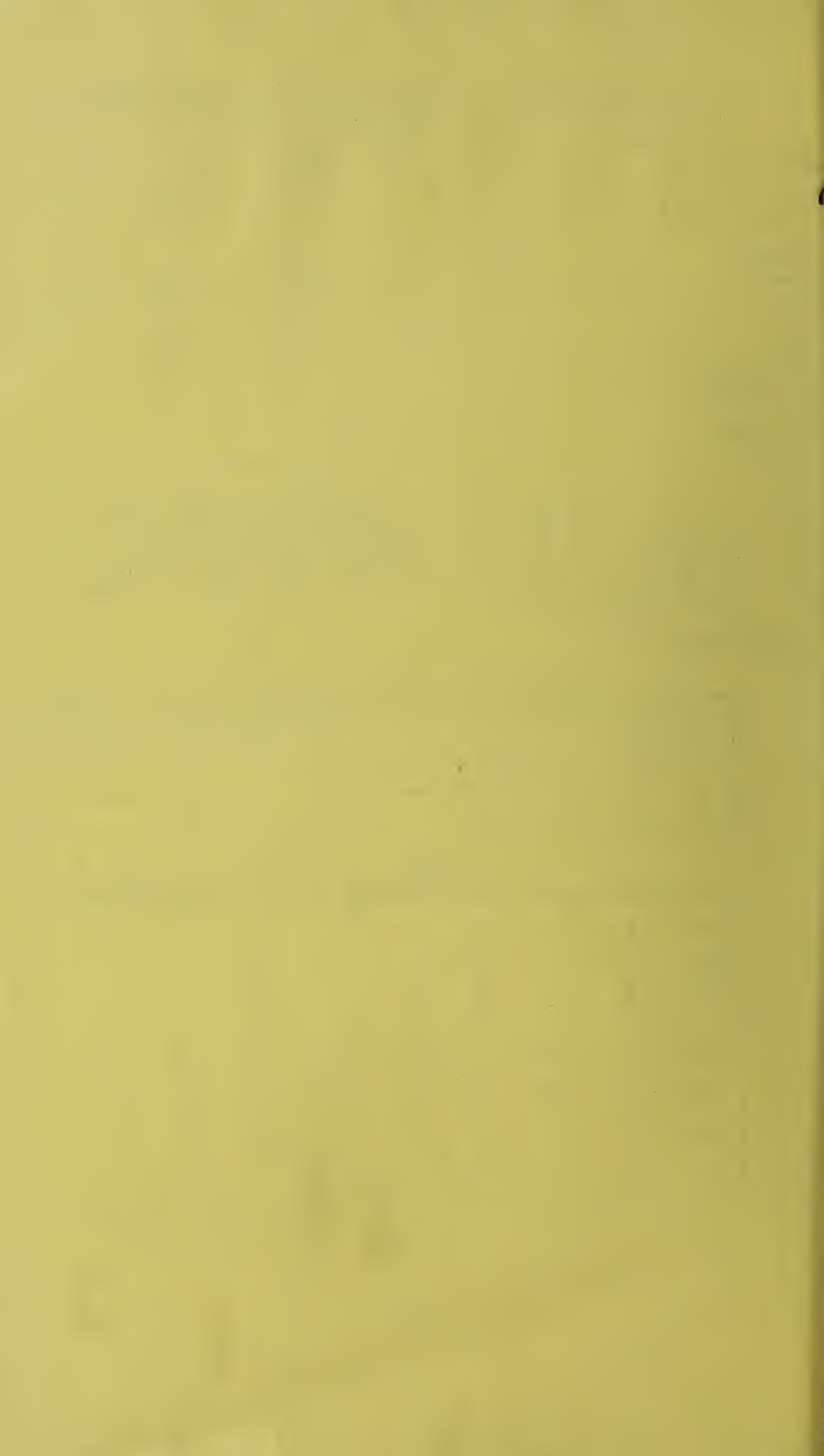
	-	-	1.	-	2.	3.
--	---	---	----	---	----	----

194 throat or nasal swabs (10 of which proved positive) apart from other specimens such as blood, faeces and urine, were sent from the hospital for examination during the year, in which work as in other directions the kind co-operation of the County Medical Officer and his staff has to be acknowledged.

TUBERCULOSIS.

The figures relating to new cases and mortality during 1944 arranged according to age groups, will be found in Table III at the end of the report. Reference to the totals given below, together with those for several previous years will be useful for the purpose of comparison :-

Y E A R	New Cases.		Deaths.	
	Respiratory	Non Respiratory	Respiratory	Non Respiratory
1944	39.	7.	13.	1.
1943.	43.	11.	19.	2.
1942.	22.	9.	14.	3.
1941.	30.	13.	9.	2.
1940.	22.	10.	8.	2.
1939.	31.	6.	16.	1.



The state of the Tuberculosis Register at the commencement and at the close of 1944 was as follows:-

D A T E	MALES		FEMALES		TOTAL.
	Pul.	Non-Pul.	Pul.	Non-Pul.	
1st. Jan 1944	85.	69.	84.	46.	284.
31st. Dec 1944	96.	70.	99.	47.	312.

Total number of notifications of admissions to (Form 1) and discharges from (Form 2) Institutions during 1944 were:-

	M A L E S.		F E M A L E S.	
	Pulmonary	Non Pulmonary	Pulmonary	Non Pulmonary
Admissions.	24	1	18	-
Discharges.	18	2	14	-

No action was taken during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade) or section 172 of the Public Health Act 1936 (relating to the compulsory removal to hospital of persons suffering from Tuberculosis).

It was found necessary for the Council to arrange for the destruction of soiled bedding in certain cases and to compensate accordingly.

I conclude my report by once again expressing my appreciation of the continued and willing support of the Council and the loyal service rendered the Department by the Officers and all members of the Staff throughout the year.

I am, Gentlemen,

Yours faithfully,

Edwin T. H. Davies,
M.D., M.S.(Lond) F.R.C.S (Eng)

Medical Officer of Health.

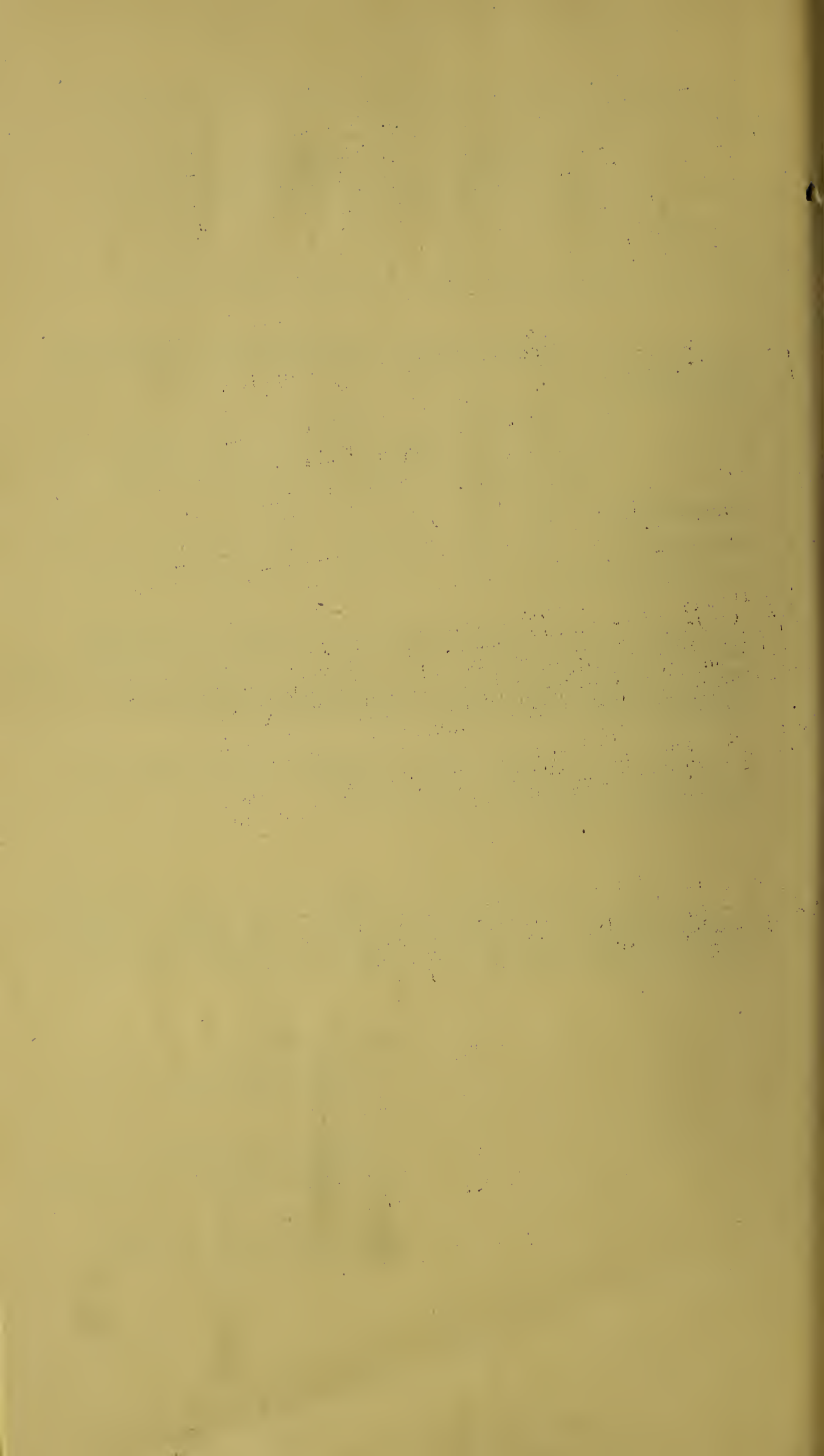
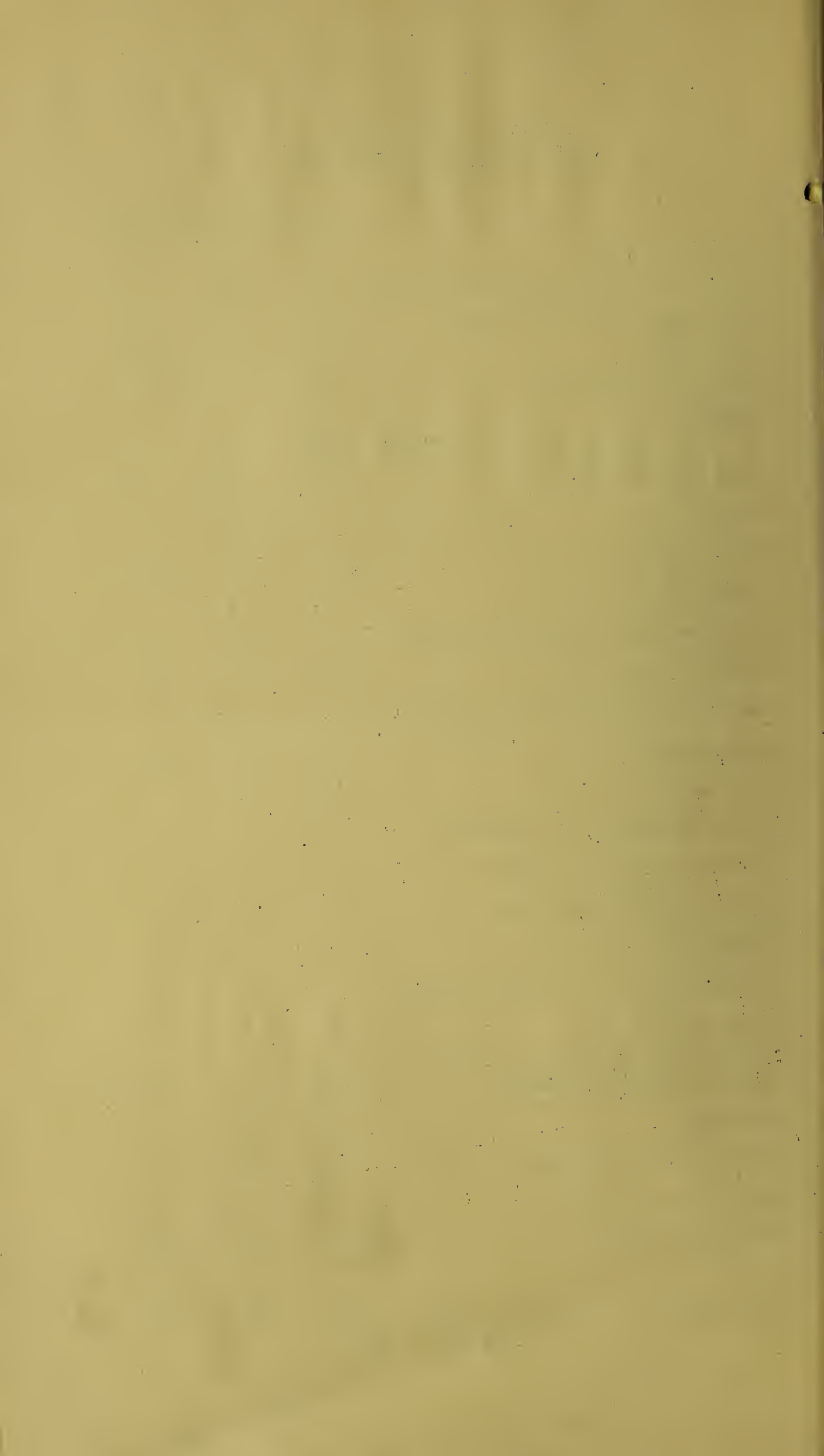


TABLE I

Causes of Death 1944
(Registrar General's Return)

	Male	Female	Total.
Whooping Cough	1	1	2
Tuberculosis of respiratory system	7	6	13
Other forms of Tuberculosis	1	-	1
Influenza	-	1	1
Acute Poliomyelitis	-	1	1
Cancer:-			
B. Cav, Oesophagus (M) & Stomach (F)	1	3	4
Stomach and Duodenum	5	4	9
Breast	-	1	1
Other sites	7	6	13
Diabetes	1.	3	4
Intra-cranial vascular lesions	9	16	25
Heart Disease	40	22	62
Other diseases of the circulatory system	-	5	5
Bronchitis	16	4	20
Pneumonia	6	3	9
Ulcer of stomach or duodenum	3	-	3
Diarrhoea (under 2 years)	1	1	2
Other digestive diseases	3	2	5
Nephritis	6	-	6
Puerperal & post abortion sepsis	-	1	1
Premature birth	1	4	5
Congenital malformation, birth injury & infant diseases	2	5	7
Suicide	1	-	1
Road traffic accidents	-	2	2
Other violent causes	2	5	7
All other causes.	17	7	24
All causes	130	103	233

POPULATION - 29,180



Cases of Infectious Diseases notified during the year 1944.
 (after correct and other than Tuberculosis)
 (Estimated Population 20,180)

	Age Groups (Years)												Total at all ages
	under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over	
Typhoid Fever	-	-	-	-	-	1	-	-	-	-	-	-	1
Scarlet Fever	1	2	2	6	4	19	13	1	-	-	-	-	48
Diphtheria	-	-	-	1	1	3	1	4	-	-	-	-	10
Pneumonia	1	3	1	1	-	5	4	3	2	3	13	3	39
Erysipelas	-	-	-	-	-	-	-	3	1	3	6	11	24
Puerperal Pyrexia	-	-	-	-	-	-	-	1	9	1	-	-	11
Cerebro Spinal Meningitis	-	-	-	-	-	1	-	-	-	-	-	-	1
Measles	3	3	4	9	14	56	21	7	1	-	-	-	118
Whooping Cough	10	12	15	13	15	16	2	-	-	-	-	-	83
Ac. Poliomyelitis	-	1	-	-	-	-	-	-	-	-	-	-	1
Ophthalmia Neonatorum	2	1	-	-	-	-	-	-	-	-	-	-	2
TOTALS	17	21	22	30	34	101	41	19	13	7	19	14	338.

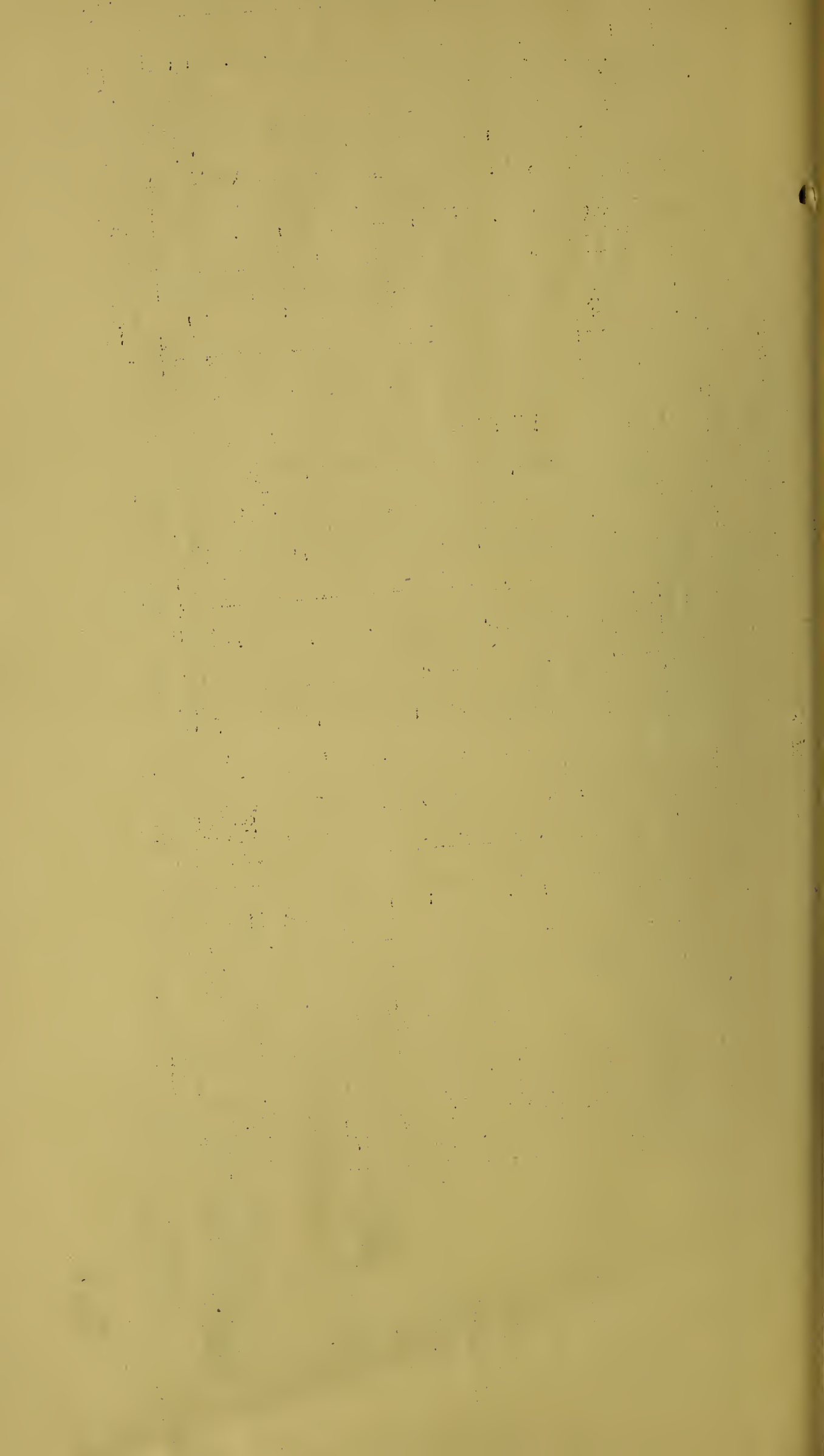
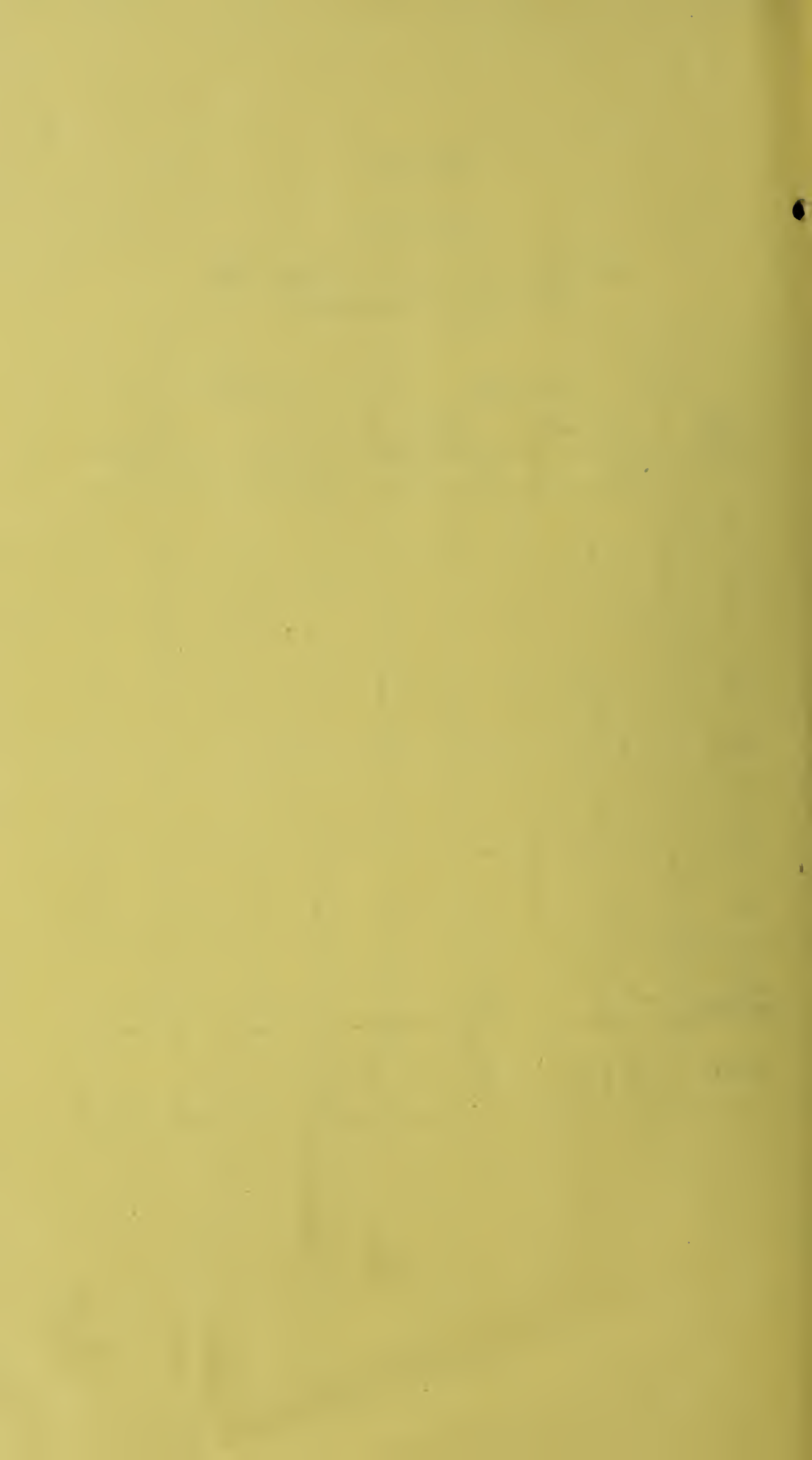


TABLE III

Tuberculosis

New Cases and Mortality during 1944
according to age groups

Age Groups.	NEW CASES.				DEATHS.			
	Pulmonary.		Non Pulmonary.		Pulmonary.		Non Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0.	--	--	--	--	--	--	--	--
1	--	1	1	--	--	--	--	--
5	6	--	1	1	--	--	--	--
15	7	16	--	1	4	3	1	--
25	2	3	2	--	--	2	--	--
35	1	2	--	--	--	1	--	--
45	--	--	--	--	2	--	--	--
55	1	--	--	--	--	--	--	--
65 and upwards	--	--	1	--	1	--	--	--
TOTAL	17	22	5	2	7	6	1	--



Infantile Mortality -- 1944

	Under 1 Week.	1 - 2 Weeks	2 - 3 Weeks	3 - 4 Weeks	Total under 1 Month	2 - 3 Months	3 - 6 Months	6 - 9 Months	9 - 12 Months	Total deaths under 1 year.
Congenital Malformation										
Premature Birth	6	1			7	3		1	1	10
Debility and Marasmus										
Pneumonia		1			1	1	1	1	1	4
Convulsions	1				1	1				2
Whooping Cough						1				1
Bronchitis									1	1
Asphyxia	2	1			3					3
Gastro Enteritis								1	1	2
	9	3	1		12	6		2	3	23

(Estimated population 20,180).

	All Causes.	Typhoid and Paratyphoid Fevers	Smallpox	Measles	Scarlat Fever	Whooping Cough.	Diphtheria	Influenza
England & Wales	11.6	0.00	0.00	0.01	0.00	0.03	0.02	0.12
126 County Boroughs & Great Towns, including London	13.7	0.00	-	0.01	0.00	0.03	0.03	0.10
148 Smaller Towns (Resident populations of 25,000 to 50,000 at Census 1931).	12.4	0.00	-	0.01	0.00	0.02	0.03	0.11
London Administrative County.	15.7	0.00	-	0.00	0.00	0.04	0.01	0.08
Tredegar Urban District.	11.54	-	-	-	-	0.09	-	0.05

